CLAIMS

1. An inhaler of the non-reservoir kind (i.e. one which operates by dispensing individually packaged doses) characterised by the feature that a moisture-proof barrier – which may optionally comprise substantially or partly an external region of the inhaler – encloses the dose-storage region of the inhaler without enclosing the doses individually, and incorporates a similarly moisture-proof aperture through which the medicament doses can, in use, be individually dispensed.

2. An inhaler according to claim 1 characterised by the feature that the dose-storage region of the inhaler is raised internally to above atmospheric pressure.

3. An inhaler according to claim 2 wherein an inert gas is used to raise the internal pressure to above atmospheric pressure.

4. An inhaler according to any preceding claim wherein the inhaler is a dry powder inhaler.

5. An inhaler according to claim 4 wherein the dry powder is stored as an agglomerate or pellet, and the inhaler further comprises means for disrupting said pellet or agglomerate during its dose-dispensing cycle.

6. An inhaler according to any previous claim further comprising a scavenger – such as desiccant or an oxygen scavenger – in gaseous communication with the dose-storage region of the inhaler.

7. A method of filling an inhaler according to any of claims 2 to 6, the method comprising the steps of charging the inhaler with a desired number of individually packaged doses; raising the pressure of the dose-storage region of the inhaler internally to above atmospheric pressure; and sealing the container in a manner which will resist depressurisation whilst allowing individual dose dispensation *via* the moisture-proof aperture.